BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estime for Providing Street light fitting,Automatic Timer, Control wire, Poles etc., and other Electrical Works in Ward No-06 Kanisandra Ward.

Budget Head :P0190 Mayor Grants

Ward No.6 Estimate No:- For Rs.50,00,000.00

Sl No	Description Of Work	Qty	Rate	Unit	Amount
	KPWD (Ele) S.R.2010-11				
1 19/12	Supplying High pressure sodium vapour street light fitting die cast aluminium canopy with aluminium housing for control gear, finished stove enamel gray glassy white canopy interior with a pair of anodized aluminium reflectors with toughened flat glass, gasket lining for drip insect resistance duly wired with porcelain holder copper choke, igniter and HPF condenser including a sodium vapour lamp.II 250 Wattsa) Group 'A'	498	6150.00	Each	3062700.00
2 28/1	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. b) Using 32mm dia G.I pipe	498	685.00	Each	341130.00
3 78/32	Supply and fixing of ..... cross arm including all Hardwares compete as per the standard technical specification. b) 2 Pin 45x45x5mm-510mm	105	123.00	Each	12915.00
4 79/37	Supplying and Fixing..... including all Hardwares etc complete as per the Standard technical Specification. a) 1.1 KV Pin insulator	155	70.00	Each	10850.00
	d) No.8 Strain Insulator	25	24.00	Each	600.00
5 79/39	Supplying and stringing of ACSR Conductor (6/2.59mm Al+1/2.59mm steel)	3150	19.80	Mtr	62370.00
6 79/36	Supplying and fixing ..... including all Hardwares etc complete as per the standard technical specification e) RCC Clamp	105	61.00	Each	6405.00
7 41/38	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer pain and finally finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete b) 16 SWG	570000	0.33	sqcm	188100.00
8 32/3	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete d) 100 Amps	50	415.00	Each	20750.00
9 32/9	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and washers etc.,Group 'A' PWD SR 2007-08	50	4200.00	Each	210000.00
10 36/12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. a) 5-32 Amps SP 1) Group 'A'.	50	195.00	Each	9750.00
11 34/8	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. d) 100-125 Amps	50	7450.00	Each	372500.00
12 41/37	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	200	240.00	Rmtr	48000.00
13 68/4	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV ClassI. Class 'A' PVC Cable d) 4 core 16sqmm	600	150.00	per mtr	90000.00

14 69/5	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required.II. On wall /Structure a) 6 sqmm to 16sqmm	600	18.00	Rmtr	10800.00
15 73/	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes f) 16 sqmm	400	14.00	Each	5600.00
16 10/21	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Aluminium conductor single core cable in open or consealed system of wiring. I Group A Materials. c) 2.5 sqmm	400	6.50	Mtr	2600.00
17 41/36	Supplying.....amps rated 3 phase with neutral bus bar using requirement capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6 mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.a) 100Amps 4x30x6mm Alluminium Strips	15	1600.00	Rmtr	24000.00
18 78/29	Supply and erection of .....mtr RCC pole including earth work etc., complete as per the standard technical specification. b) 9 Mtr 145Kg WL	10	6583.00	Each	65830.00
	SUB TOTAL				**4544900.00**
	KRIDL CHARGES @10% of Estimates				**454490.00**
	Miscellaneous				610.00
	TOTAL				**5000000.00**

CERTIFICATE :-

1. The place was inspected and the work is essential.
2. The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3. The estimate is based on KPWD (Ele) S.R.2010-11 Rates.

Assistant Engineer (Ele)
Yelahanka Zone

Asst. Executive Engineer (Elecl)
Yelahanka Zone

EXECUTIVE ENGINEER (ELECL)
Yelahanaka Zone, BBMP

ADMINISTRATIVELY SANCTIONED FOR Rs 50.00 lakhs

Rupees Fifty lakhs only

Under

Registered as EE ( ) No 3 ....9....
Subject to conditions contained in
enclosed memo EE ( ) No /9/....
Dt Estimate A/Sanctioned
Addl Comm (YZ) AS/875/13-14
dated 18.2.2014 Rs 50.00 lakhs

Addl Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.

Technical Sanction for Rs. 50.00 lakhs
(Rs fifty lakhs only)
is accorded under Head
registered as CE/TS/289/13-14
to Conditions contained in Memo dated 25.02.2014
No. 289/13-14/ Dt. 25.02.2014

AE/JE TA SE (BTP) CE (BTP)